



FIG. 2A

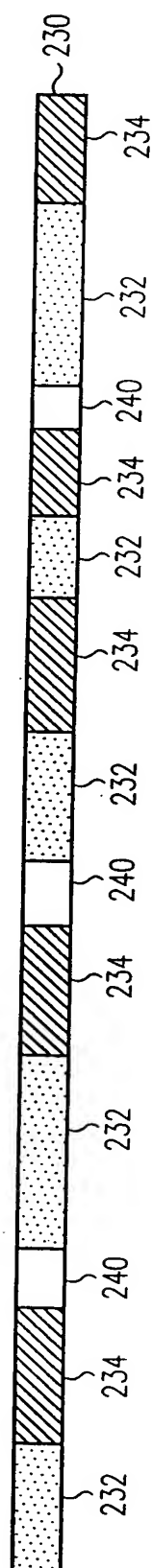


FIG. 2B

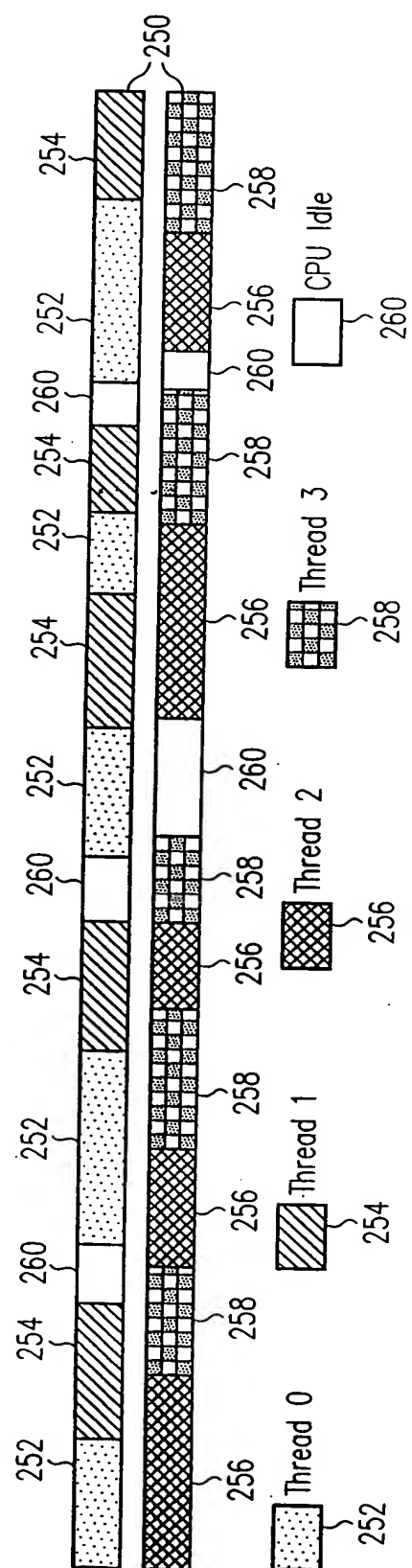


FIG. 2C

3/21

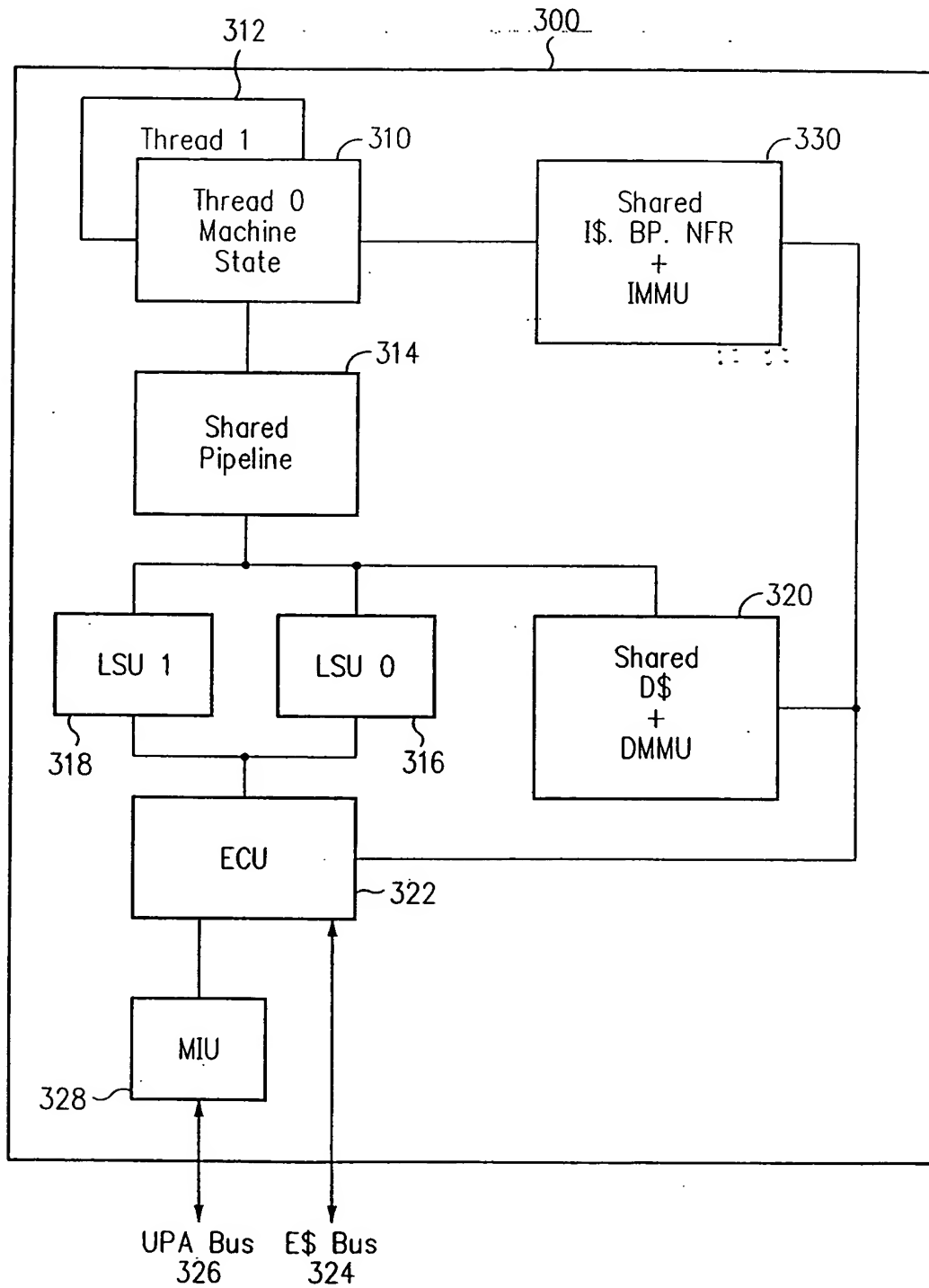


FIG. 3

4/21

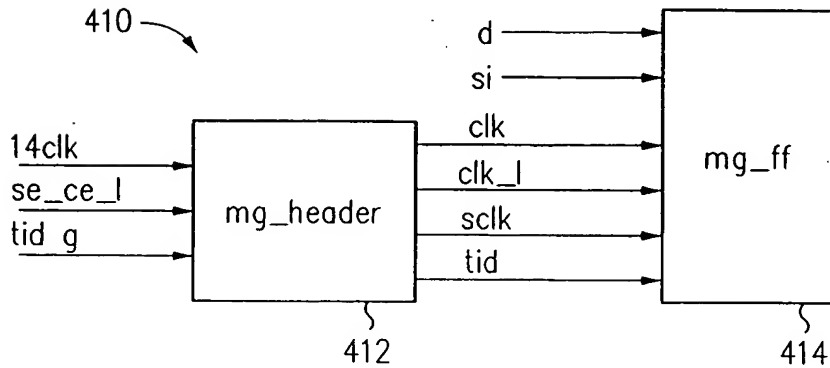


FIG. 4A

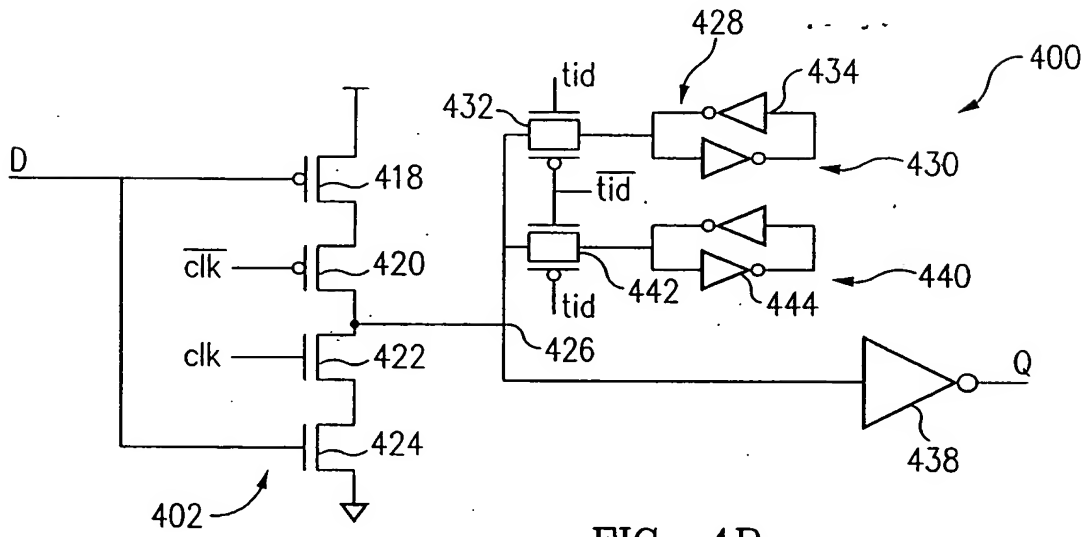


FIG. 4B

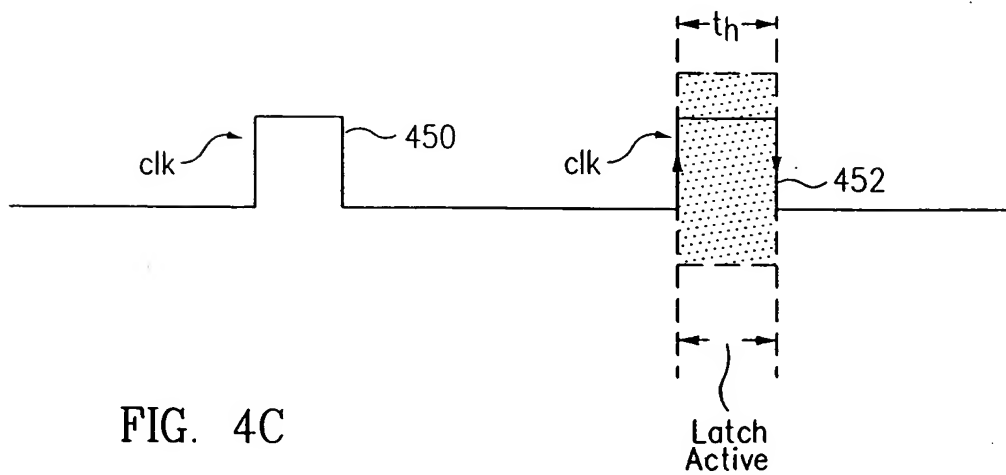


FIG. 4C

5/21

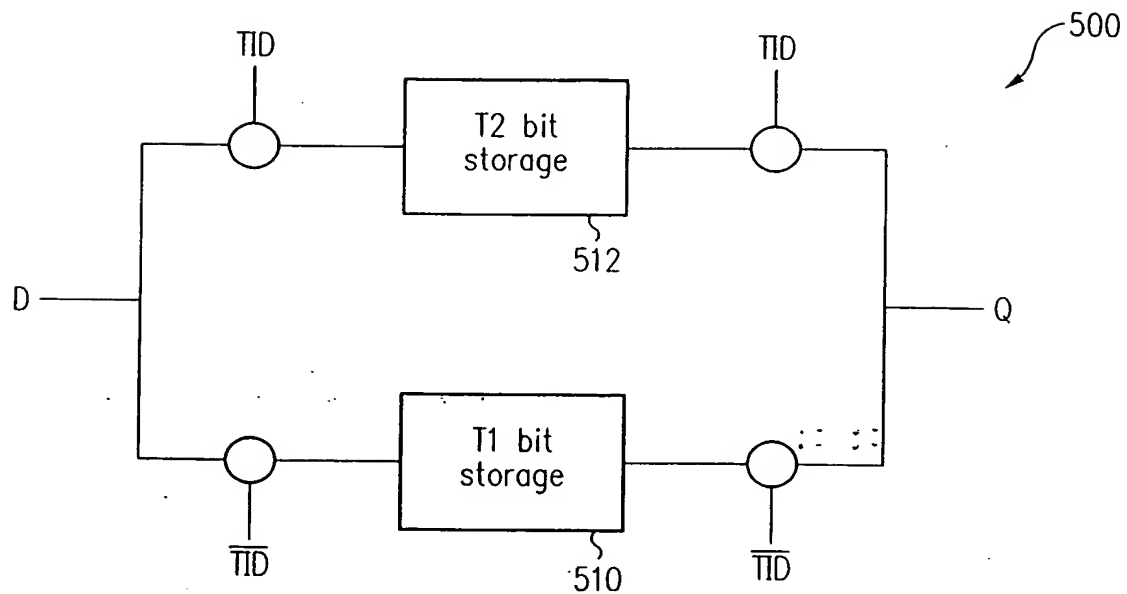


FIG. 5

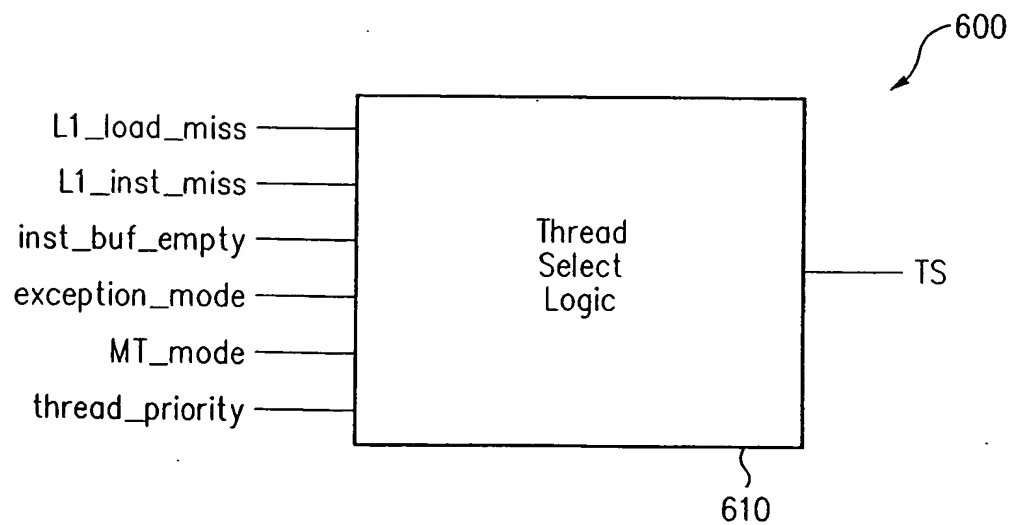


FIG. 6

6/21

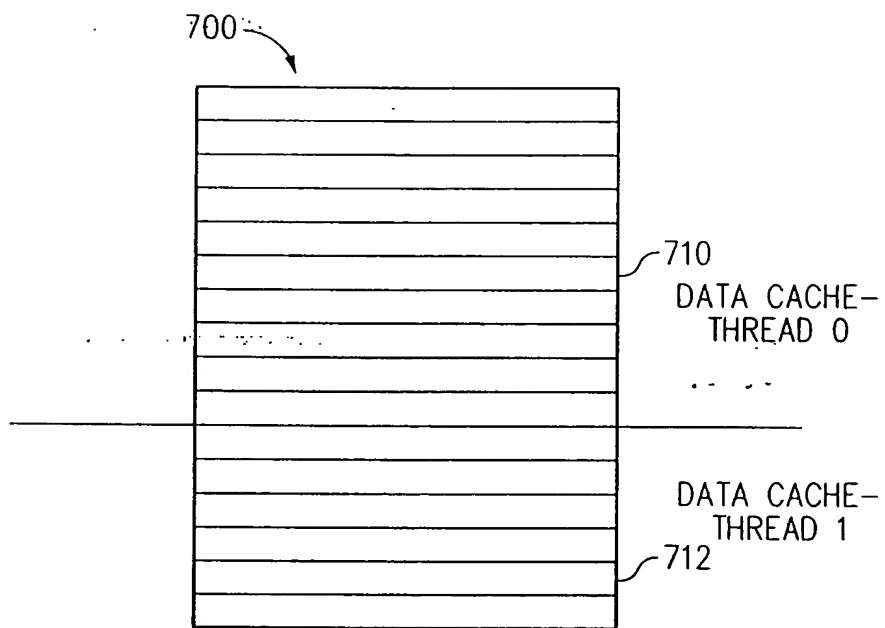


FIG. 7A

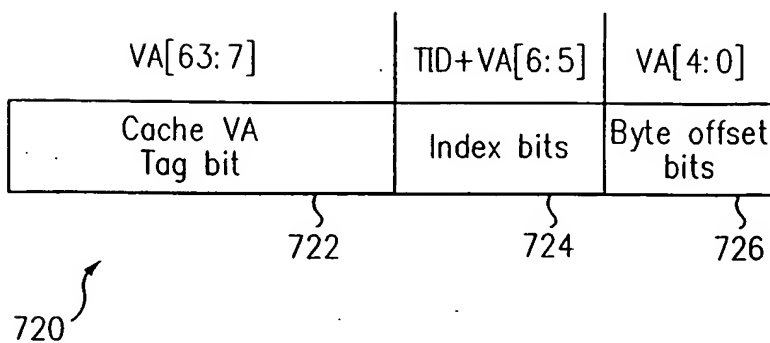


FIG. 7B

7/21

8/21

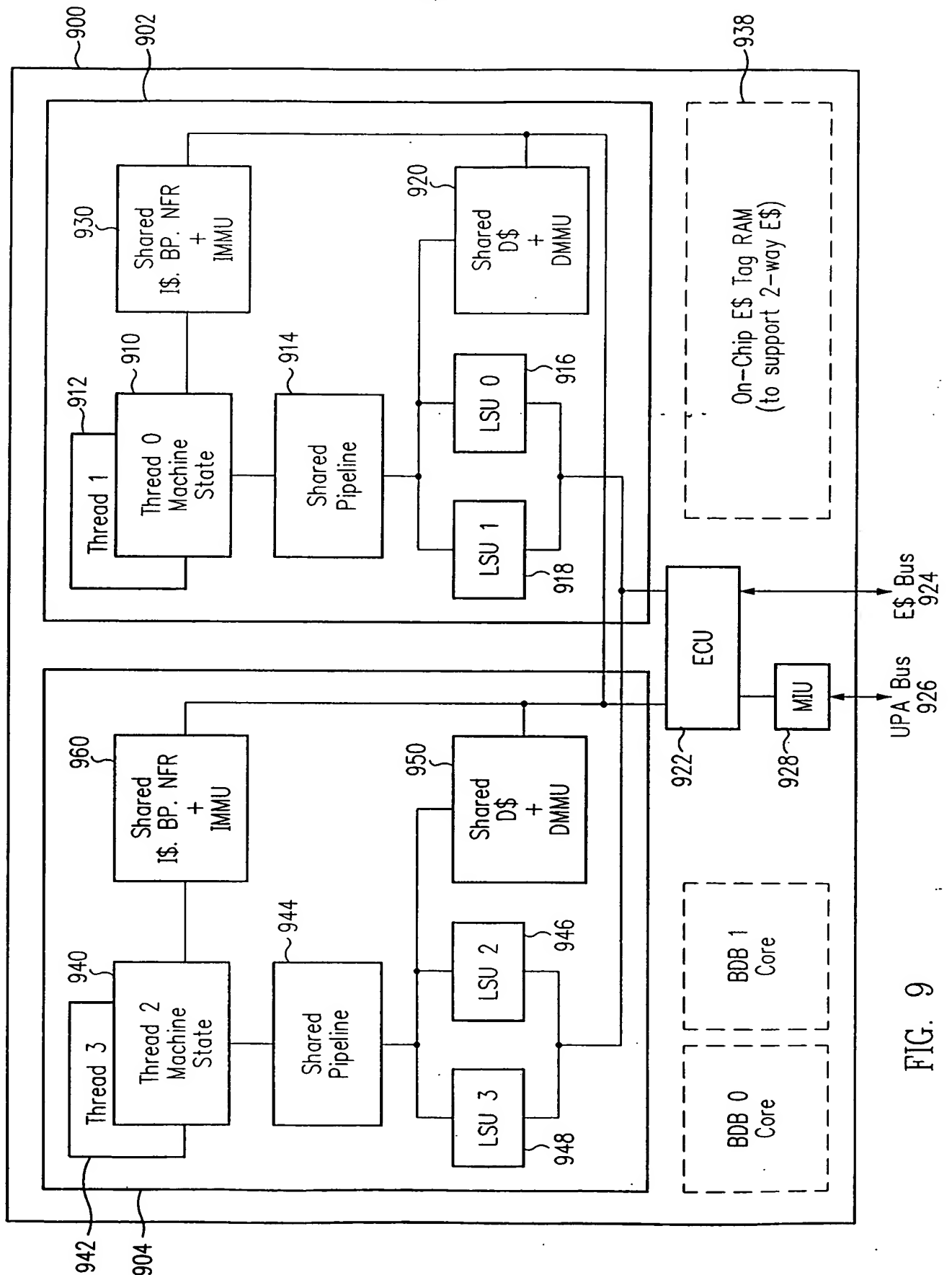


FIG. 9



9/21

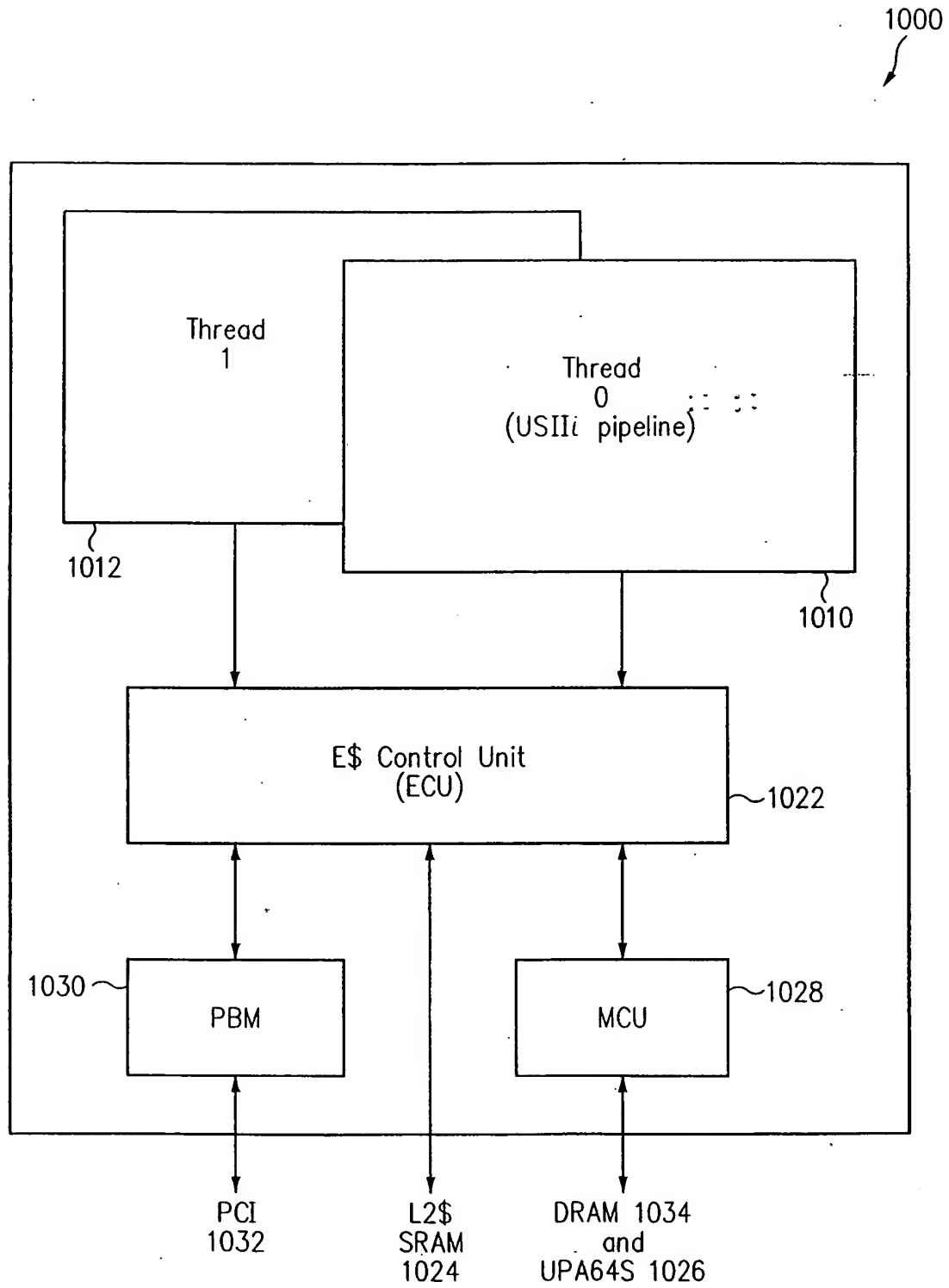


FIG. 10

10/21

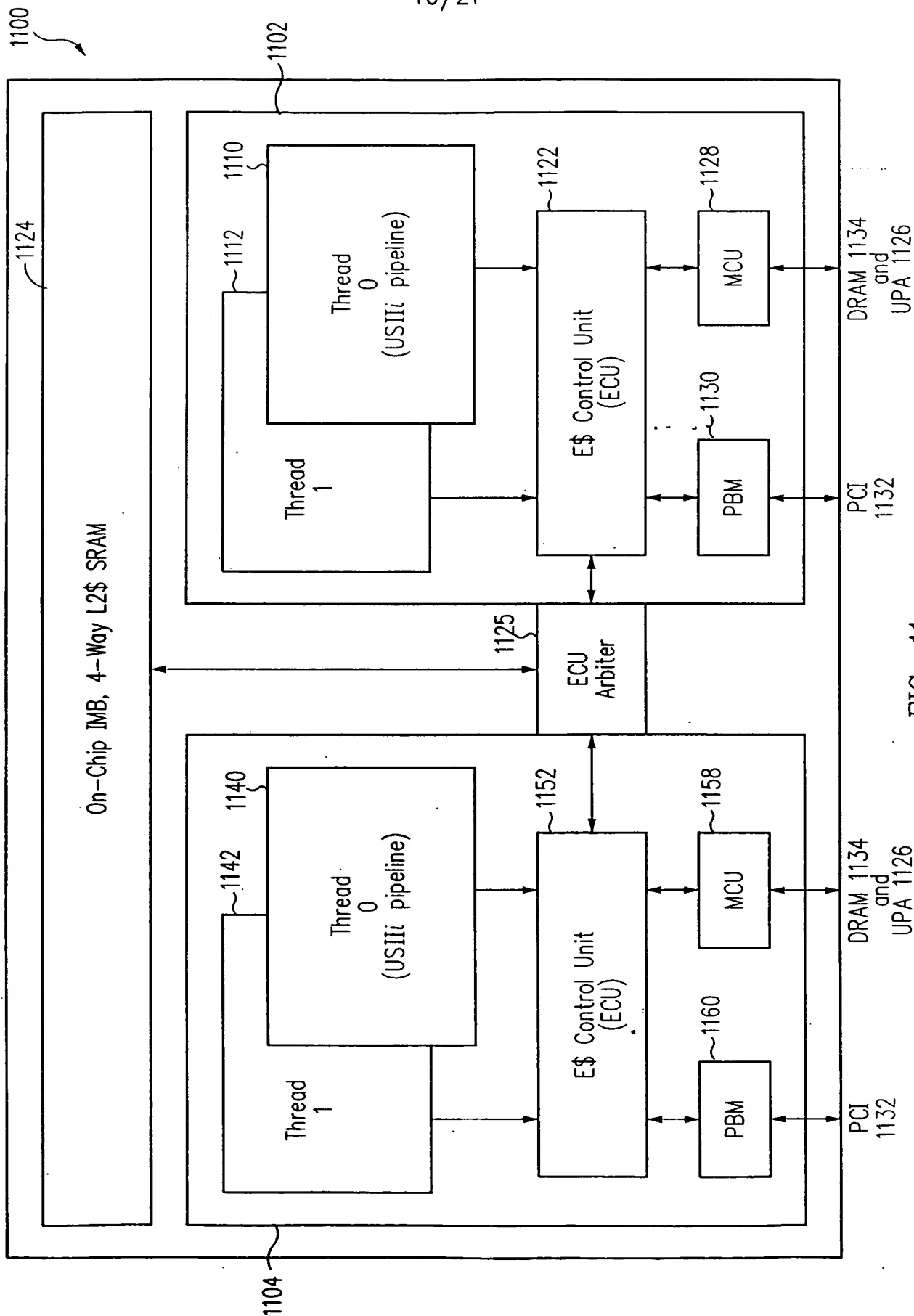


FIG. 11

11/21

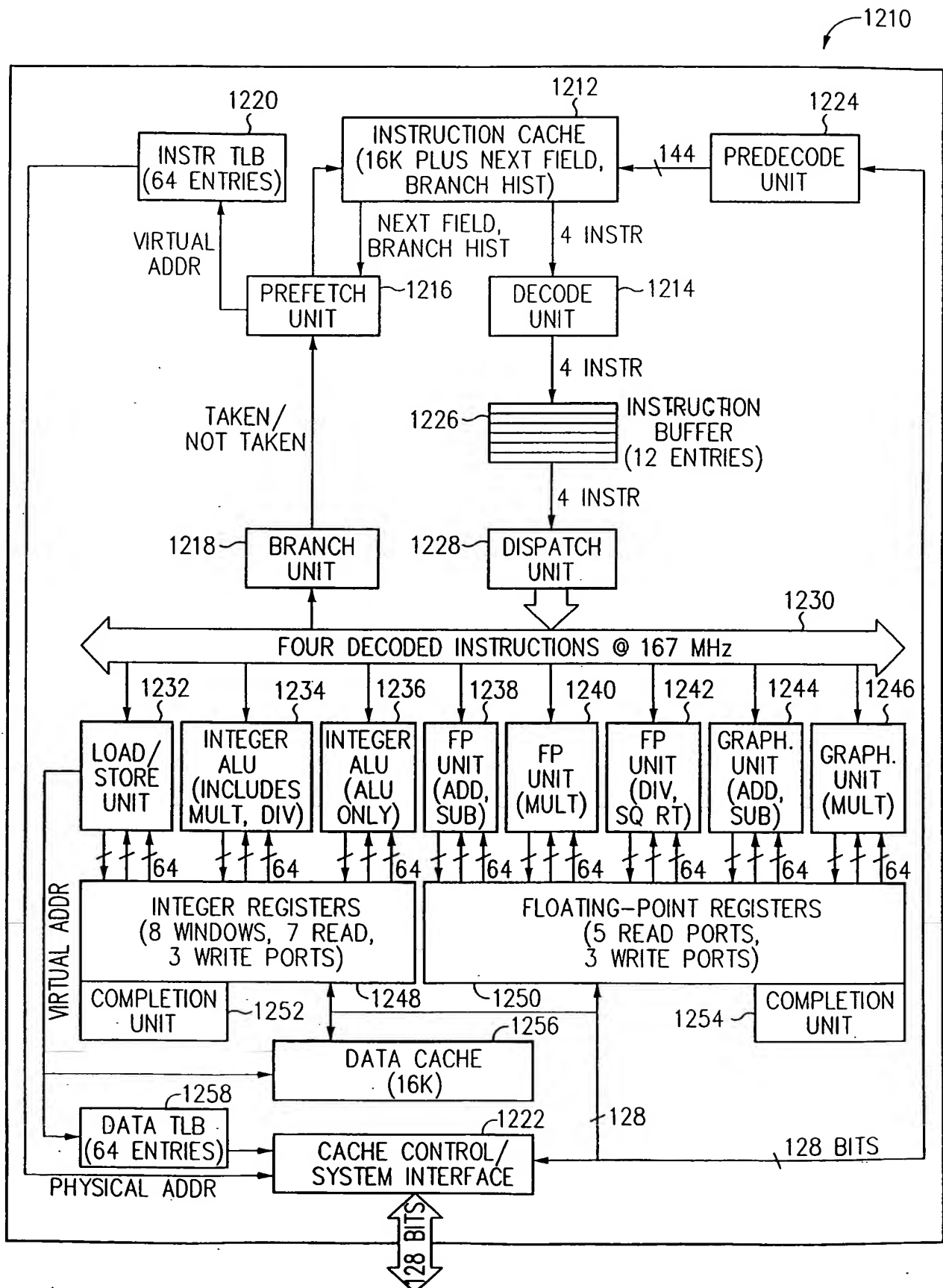
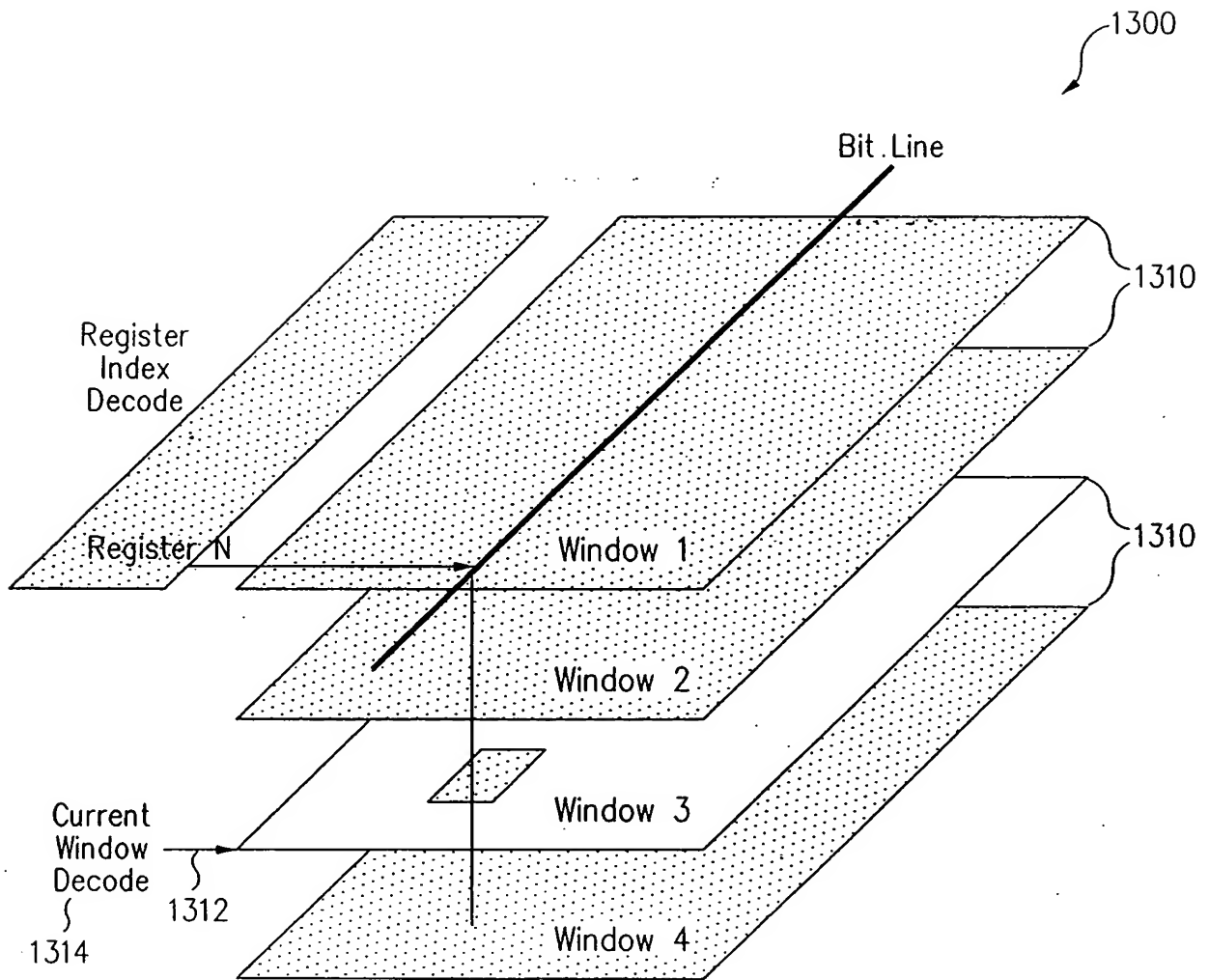


FIG. 12

12/21



A Three Dimensional Register File

FIG. 13

13/21

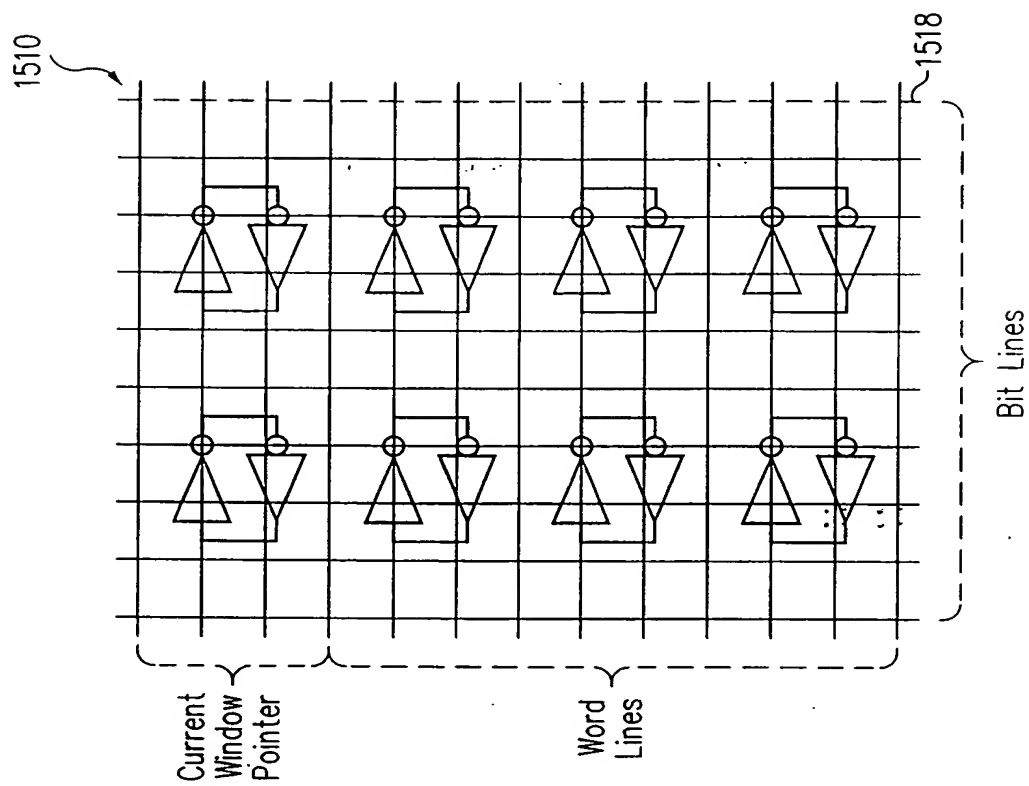


FIG. 15

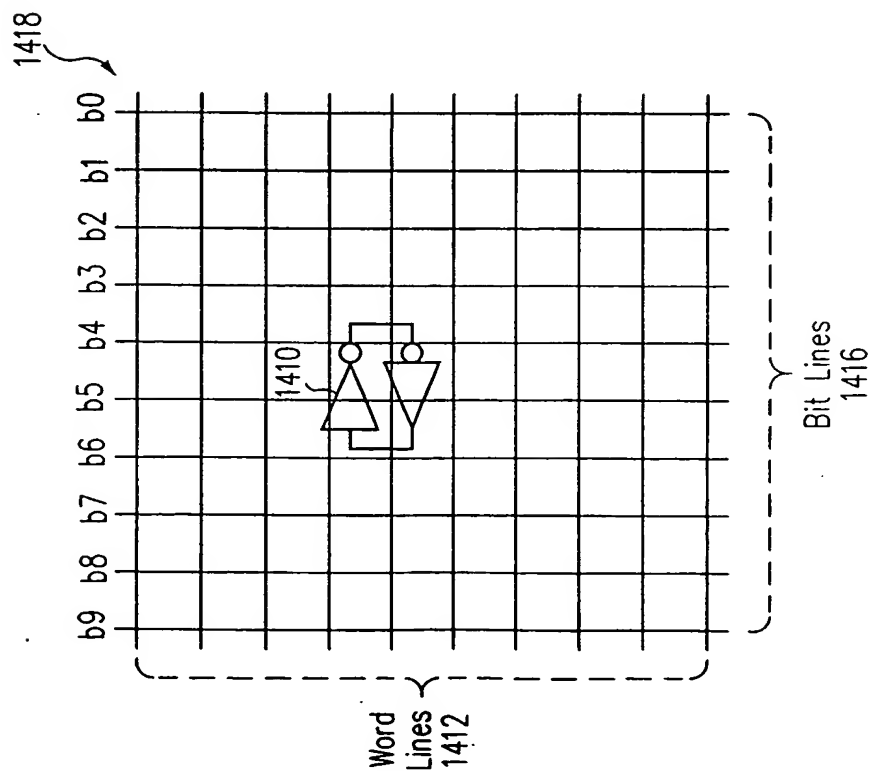


FIG. 14

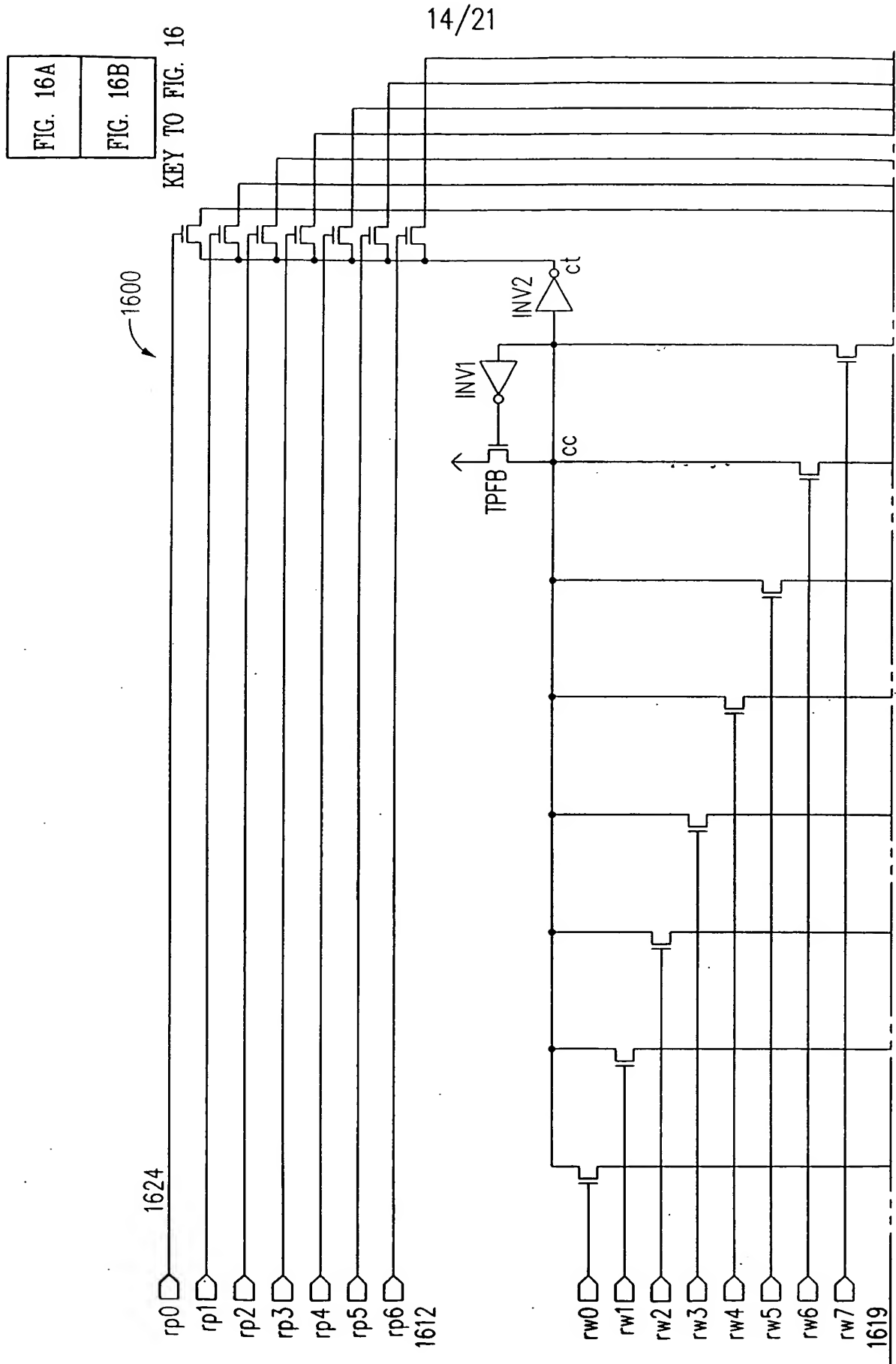


FIG. 16A

15/21

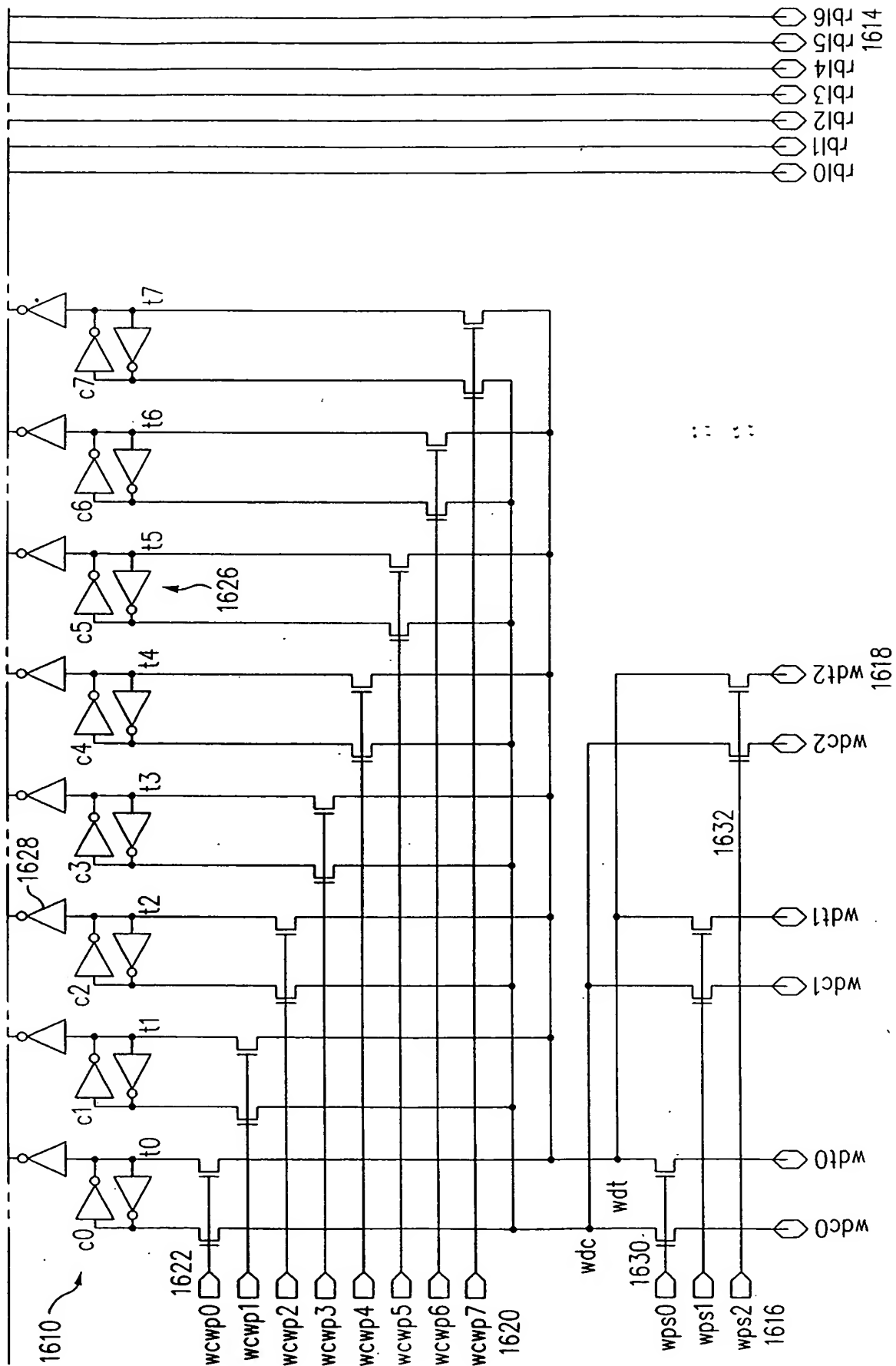


FIG. 16B

16/21

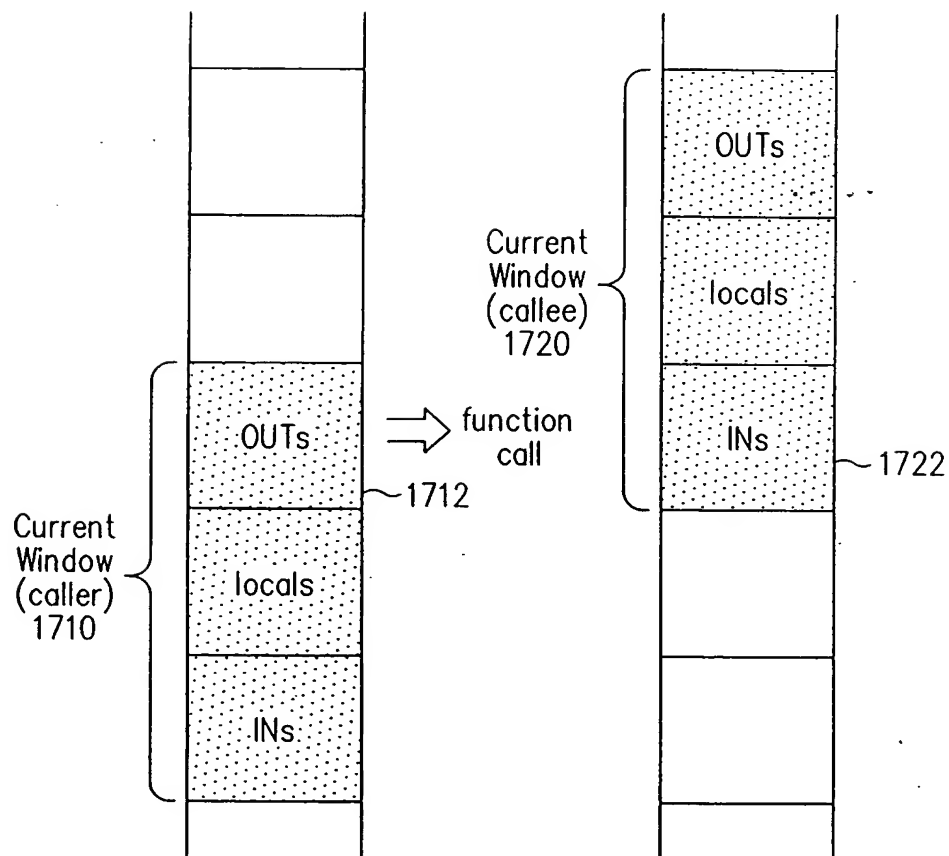


FIG. 17A



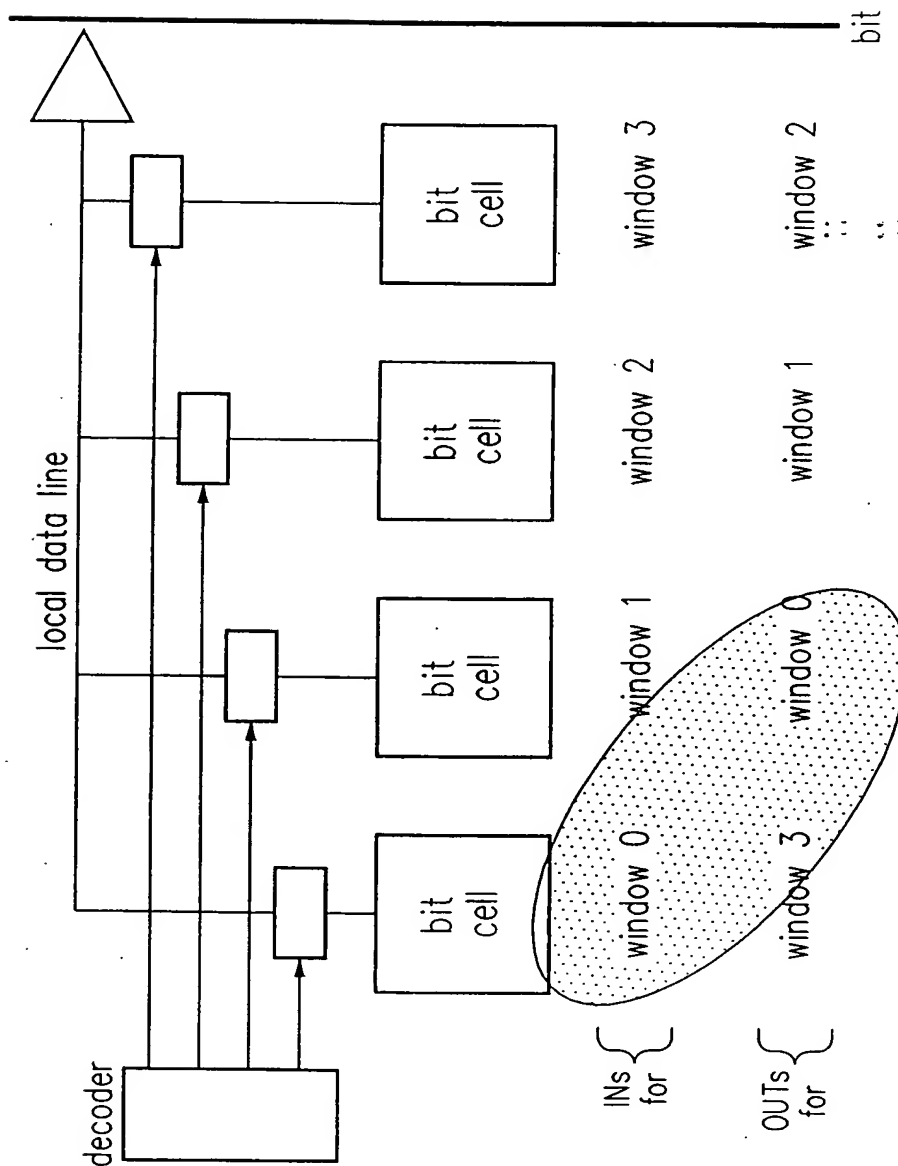


FIG. 17B

18/21

FIG. 18A	FIG. 18B
FIG. 18C	FIG. 18D

KEY TO FIG. 18

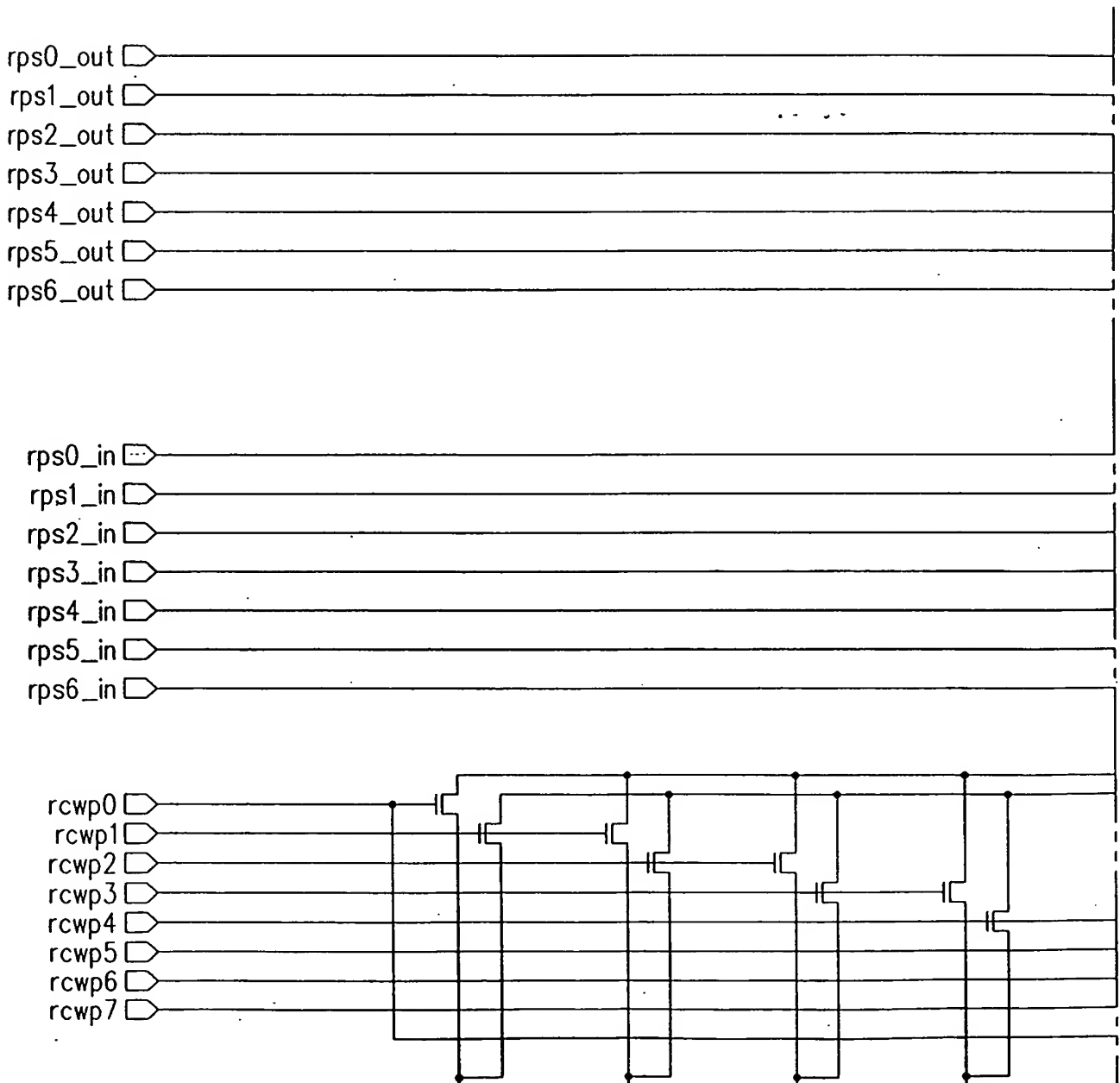


FIG. 18A

19/21

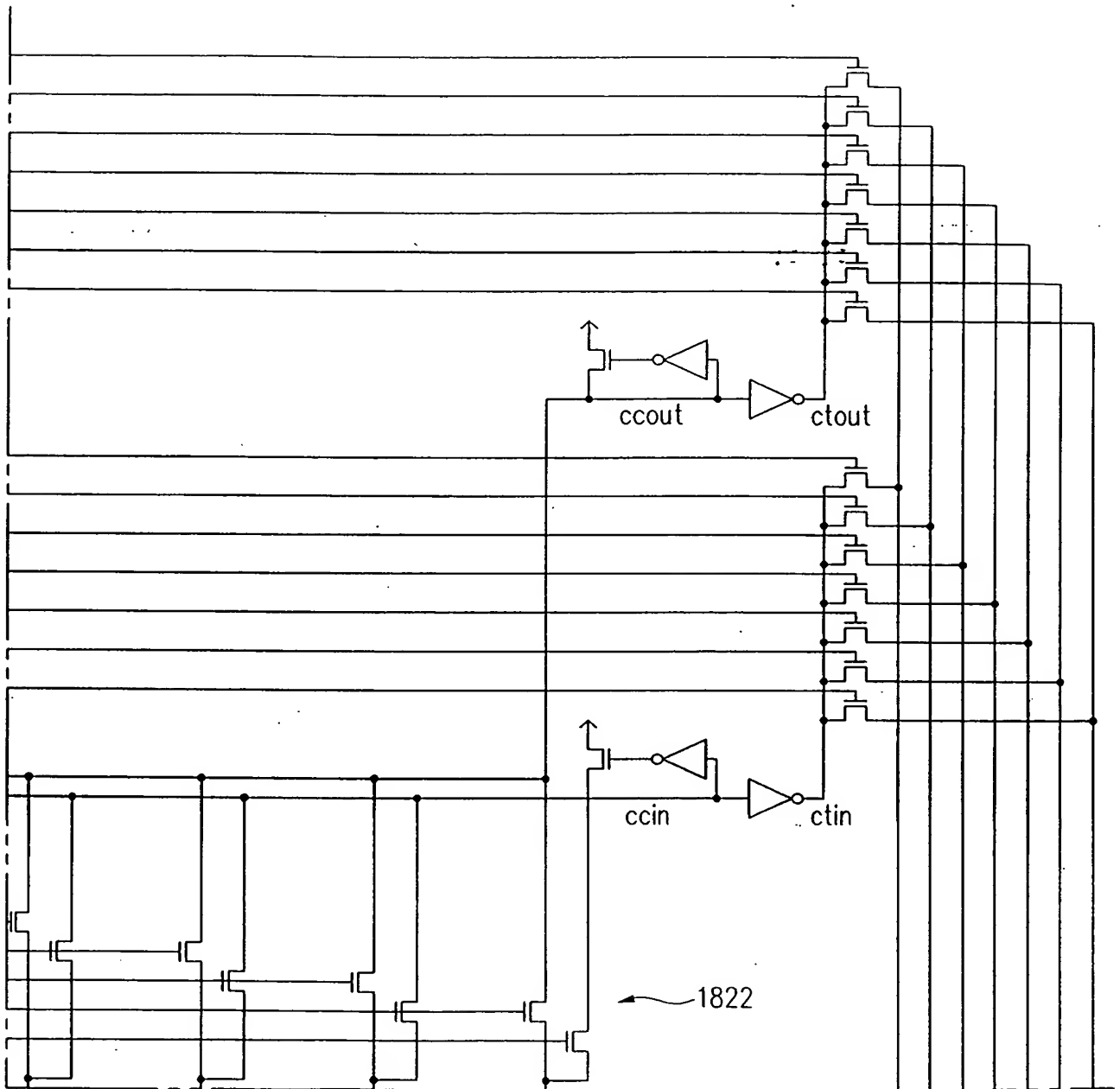


FIG. 18B

20/21

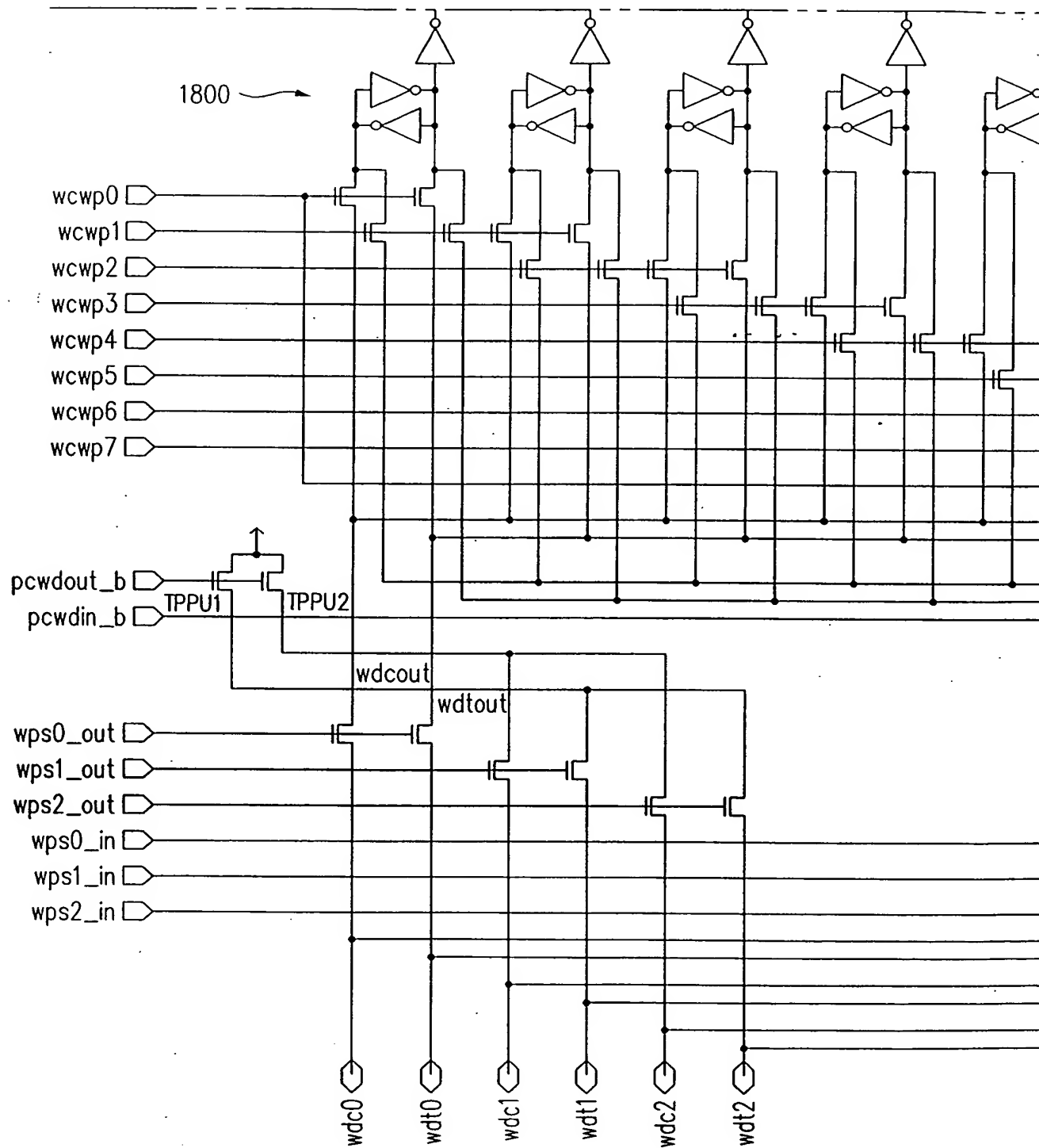


FIG. 18C

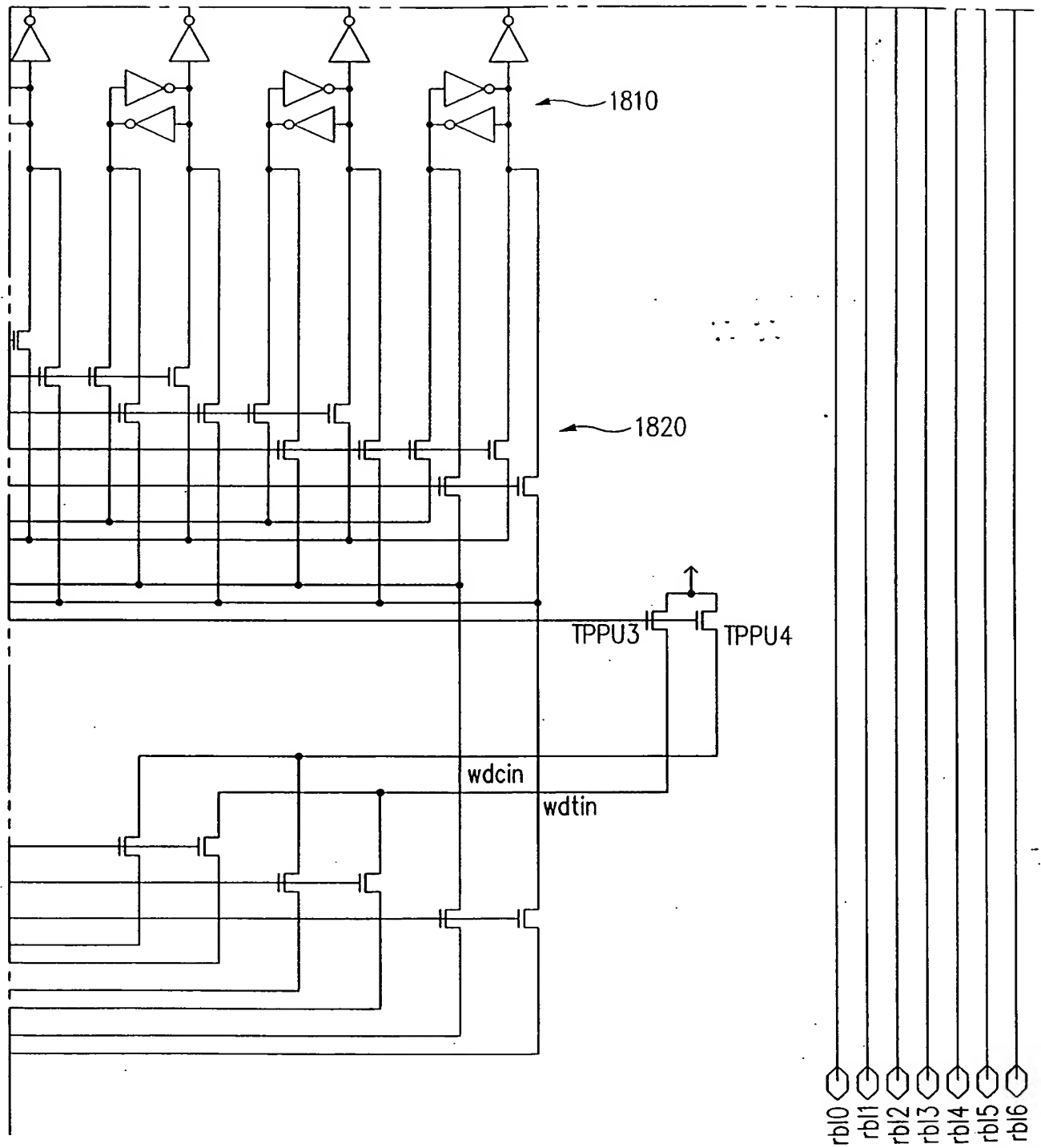


FIG. 18D